

Title (en)

Measuring method and circuitry for testing protective measures in AC networks.

Title (de)

Messverfahren und Schaltungsanordnung zur Ueberprüfung von Schutzmassnahmen in Wechselspannungsnetzen.

Title (fr)

Procédé et dispositif de mesure pour le contrôle des mesures de protection dans les réseaux de tensions alternatives.

Publication

**EP 0368029 B1 19940601 (DE)**

Application

**EP 89119127 A 19891014**

Priority

DE 3835710 A 19881020

Abstract (en)

[origin: EP0368029A1] 2.1 By measuring methods in which a test current is applied to the protective conductor, dangerous contact voltages can occur in the case of faulty power systems. The danger associated with this is to be eliminated by the invention. 2.2 Into the measuring sequence for determining various measuring quantities, test measurements are inserted with the aid of which the contact voltage (UA) occurring in each case is measured at short intervals. If this voltage exceeds a predetermined limit value (UBL) which corresponds to the limit value of the permissible contact voltage (UB), the test current (IK) is switched off and thus the measuring sequence is interrupted. 2.3 The invention is applied in measuring and test instruments which are equipped with a computer. <IMAGE>

IPC 1-7

**G01R 31/00**

IPC 8 full level

**G01R 31/00** (2006.01)

CPC (source: EP)

**G01R 31/00** (2013.01)

Cited by

EP0730161A3; AT405768B

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0368029 A1 19900516; EP 0368029 B1 19940601**; AT E106573 T1 19940615; DE 3835710 A1 19900503; DE 58907769 D1 19940707

DOCDB simple family (application)

**EP 89119127 A 19891014**; AT 89119127 T 19891014; DE 3835710 A 19881020; DE 58907769 T 19891014